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California Environmental Protection Agency

**LOS ANGELES REGIONAL
WATER QUALITY CONTROL BOARD**

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Perchlorate Documentation

Information on Perchlorate, related investigations and cleanup activities region-wide

- [LARWQCB Reports](#)
- [Presentations](#)
- [Perchlorate Fact Sheets](#)
- [Perchlorate Public Advisory Group \(PPAG\) Meeting](#)
- [Other Perchlorate Information and Links](#)
- [Perchlorate News Articles](#)

• **LARWQCB Reports:**

- [Update on Perchlorate Groundwater Pollution within The Los Angeles \(01/23/2003\)](#)
- [Update on Perchlorate Groundwater Pollution within The Los Angeles \(04/28/2003\)](#)

• **Presentations:**

- [Recent Development on Perchlorate Groundwater Pollution within The Angeles Region. Presentation by Dixon A. Oriola for January 30, 2003 Meeting in Los Angeles \(01/30/2003\)](#)
- [Perchlorate Occurrence in Ventura and Los Angeles Counties. Presentation by Dennis Dickerson at a Legislative Hearing held at the Center, City of Thousand Oak \(02/10/2003\)](#)
- [Perchlorate and its Occurrence in Ventura and Los Angeles Counties. Presentation By Dennis Dickerson at the joint USEPA Regional Board Informational Meeting held at the Grand Vista Hotel, Simi Valley \(04/2](#)

This version contains some updated information that was presented by Dickerson at the meeting, but was not contained in the hand out slide provided to the meeting participants

• **Perchlorate Fact Sheets**

- [Revised August'03 Perchlorate Fact Sheet \(09/2003\)](#)
- [Perchlorate Contact List \(08/2003\)](#)
- [PPAG Fact Sheet \(08/2003\)](#)

- Perchlorate Public Advisory Group (PPAG) Meeting:

An Open Invitation...

PPAG meetings are open to everyone who is interested in learning about perchlorate, its current and future efforts to eliminate its presence in surface and ground waters within Los / Ventura Counties. Meetings are held quarterly, typically at the Regional Water Board's office in the Junipero Serra Building, 320 West Fourth Street, Suite 200, Los Angeles, CA. For your upcoming PPAG meeting dates, locations and agendas are posted on this web page.

...To Participate in the Perchlorate Public Advisory

- o March 14, 2003 First PPAG meeting at the Los Angeles Regional Board. [Click here for the announcement, agenda and meeting location map](#)
 - [Thank you letter to March 14, 2003 PPAG meeting participants](#)
 - [PPAG meeting notes - March 14, 2003. \(4/2/2003\)](#)
 - o May 23, 2003, Second PPAG meeting at the Los Angeles Regional Board. [Click here for the agenda.](#)
 - [PPAG meeting notes - May 23, 2003. \(6/24/2003\)](#)
 - o August 20, 2003, Third PPAG meeting, at Thousand Oaks Civic Arts Forum Theater. [Click here for agenda. \(8/19/2003\)](#)
 - [PPAG meeting notes - August 20, 2003. \(9/2/2003\)](#)
 - o August 21, 2003, Fourth PPAG meeting, at City of Simi Valley City Hall Chambers. [Click here for agenda. \(8/19/2003\)](#)
 - [PPAG meeting notes - August 21, 2003. \(9/2/2003\)](#)
 - o ^{NEW} April 14, 2004, Fifth PPAG meeting at the Los Angeles Regional Office. [Click here for the agenda. \(2/27/2003\)](#)
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- Other Perchlorate Information and Links:
 - o California Department of Food and Agriculture:
 - [Water Quality Cal/EPA Emerging Contaminants](#). (Please check on the middle of the page)
 - o California Department of Health Services:
 - ^{NEW} [Food and Drug Branch:](#)
 - [Perchlorate Questions and Answers](#)
 - [Analysis of Perchlorate in Lettuce](#)
 - [Perchlorate in California Drinking Water: Status of Regulations Monitoring Results](#)
 - [Division of Laboratory Science: Environmental Laboratory Accreditation Program](#)
 - o Office of Environmental Health Hazard Assessment(OEHHA):
 - ^{NEW} [Three Scientific Peer Reviews Of The Office Of Environmental Health Hazard Assessment's December 2002 Draft Public Health Goals Document On Perchlorate In California Drinking Water \(01/24/2003\)](#)
 - [Water- Public Health Goals \(PHGs\)](#)
 - o State Board:

- The joint state agency Perchlorate report for confirmed release:
- State Board's Perchlorate Information page
- Presentation - "Perchlorate Contamination of California's Groundwater Supplies, Joint Presentation by James Giannopoulos (State Water Resources Control Board) and Karen Baker (Department of Toxic Substances Control)":
 - Power Point format (29 MB)
 - Adobe Acrobat - PDF format (14 MB)
- State of California-Senate Office of Research:
 - NEW Addressing Perchlorate Contamination of Drinking-Water in California
- USEPA:
 - Draft Perchlorate Contamination Treatment Alternatives (09/25/2002)
 - Bush Administration Plans to Seek Scientific Study on EPA Perchlorate Toxicity Data (03/11/2003)
 - Status of EPA's Interim Assessment Guidance for Perchlorate (03/11/2003)
 - Perchlorate Update Sponsored by: U.S. EPA Technical Support Office
 - Perchlorate Remediation Information:
A new web page devoted to perchlorate remediation has been added to the CLU-IN site. This page provides access to over 40 technical journal articles, web pages, and other materials from public and private sources.
Representing the latest advancements in the research and application of perchlorate treatment technologies, these resources provide up-to-date information in a number of formats including treatability studies, performance reports, case studies, presentations, and peer reviewed literature. View and download the perchlorate remediation resources at CLU-IN at <http://clu-in.org/perchlorate>.
 - Terms Of Environment (Glossary, Abbreviations, and Acronyms) (December 1997)
"Terms Of Environment" defines in non-technical language the commonly used environmental terms appearing in EPA public releases, and other Agency documents available to the general public, students, the media, and Agency employees. The definitions do not constitute the Agency's official use of terms and phrases for regulatory purposes, and nothing in this document should be construed to supplant any other federal document. Official terminology may be found in the laws and related regulations as published in such sources as the Congressional Record, Federal Register, and elsewhere.
The terms selected for inclusion are derived from previously published internal glossaries produced by various programs and specific requests made by personnel in many Agency offices. The chemicals and compounds selected for inclusion are limited to those most frequently referred to in Agency publications or that are the subject of major regulatory activities.
Definitions or information about substances or program activities included herein may be found in EPA libraries or scientific/technical reference documents, or may be obtained from various program offices. Those with suggestions for future editions should write to the Environmental Services Division, Office of Communications, Education, and Public Affairs, 1704, USEPA, Washington DC 20460.
Also available on [USEPA website](http://www.epa.gov/epaosopr/toc/).
- Ahmanson Ranch
 - Ahmanson Groundwater Sampling Well No. 1" workplan was completed

approved May 23, 2003. As part of the identified tasks, a video testing was completed on May 27 and 28, 2003. The first sample was completed on June 17, 2003 and the second sampling event completed on July 16, 2003. To view slides of the initial sampler click [here](#). (08/10/2003) .

- [Ahmanson Ranch Groundwater Sampling Meeting \(02/20/2003\)](#)
- [Revised Draft Work Plan Groundwater Sampling Well M-1 \(02/20/2003\)](#)
 - [Appendix A](#)
- [Ahmanson Ranch Well M-1 Groundwater Sampling Work Plan And Response To Site Use Information - Ahmanson Ranch, Ventura County, California \(04/23/2003\)](#)
 - [Ahmanson Ranch Well No. 1, Final Report Submittal Data Ahmanson Ranch, Ventura County, California \(SLIC No. 09/26/2003\)](#)
- [NEW Ahmanson Ranch, Surface And Groundwater Sampling N Requirements - Ahmanson Ranch, Ventura County, California \(11/2/2003\) \(01/24/2004\)](#)

o Boeing Santa Susana Field Lab:

- [Groundwater Monitoring Quarterly Report, Second Quarter 2003 through June 2003, Santa Susana Field Laboratory.](#) (posted 10/25/2003)
- Department of Toxic Substance Control (DTSC) letters for Happy Valley (09/25/2003):
 - [Approval of the Happy Valley Interim Measures \(HVIM\)](#)
 - [Approval of the Notice Of Exemption \(NOE\)](#)
 - [Work Plan Addendum and Amendment Review, Comments and Recommendations](#)
- [Perchlorate Characterization Work Plan](#)
 - [The Plates to the Perchlorate Characterization Work Plan \(Plates 1 and 2\)](#)
- Perchlorate Source Evaluation and Technical Report Santa Susana Field Laboratory. Ventura County, February 3, 2003. Prepared for: the Boeing Company Rocketry Propulsion and Power. Prepared by: Mon Watson Harza (MWH)

(Please be patient when downloading below files, these documents are **large** PDF files)

- Volume I - Text Tables and Figures:
 - [Perchlorate Report Text and Tables \(2 MB\)](#)
 - [Figures 1-1 to 5-3 \(10 MB\)](#)
 - [Figures 6-1 to 8-3 \(5 MB\)](#)
- Volume II - List of Plates:
 - [Plates A \(5.5 MB\)](#)
 - [Plates B \(5 MB\)](#)
 - [Plates C \(6.5 MB\)](#)
 - [Plates D \(9 MB\)](#)
 - [Plates E \(5.5 MB\)](#)
 - [Plates F \(6.5 MB\)](#)
 - [Plates G \(8 MB\)](#)
- Volume III - Appendices:
 - [Appendix 3 A \(8 MB\)](#)
 - [Appendix 4 A-1 Soils \(8 MB\)](#)
 - [Appendix 4 A-2 to 8 A \(4.5 MB\)](#)

- Perchlorate News Articles:

- ^{NEW} The University of Arizona (Sci/Tech), January 28, 2004 "[Measuring Perchlorate Levels in Lettuce](#)" (02/04/2004)
- ^{NEW} The Daily Bulletin.com, February 1, 2004 "[Expert: Perchlorate Risk Understood](#)" (02/04/2004)
- The Press-Enterprise , September 20, 2003 "[Chemical Toxin Found in Milk](#)" (09/26/2003)
- Environmental Working Group, News Release, September 19, 2003 "[Toxin Found in Milk Sam from Texas Supermarkets](#)" (09/25/2003)
- Environment, Science & Technology, September 18, 2003 "[Perchlorate in Milk](#)" (09/25/2003)
- The Dispatch, September 18, 2003, " [Test Tomato Crop Free of Perchlorate](#)" (09/23/2003)

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